

INTERNATIONAL SEARCH REPORT

International application No.

P003/001861

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B68C 1/02, B68C 1/12, B68C 1/16, B69C 1/18
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B68C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2071986 A (DUNLOP LIMITED), 30 Sept 1981 (30.09.1981), column 3, line 36 - line 62, figure 5, abstract	1-5,18,19, 21-27
Y		28-31,33-35
A	abstract	6-17,20
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X	US 1637810 A (F. EASSIE), 2 August 1927 (02.08.1927), column 1, line 20 - line 50, figures 1,2	6-17
	--	
X	US 4879865 A (P.R. VAN SCOYK), 14 November 1989 (14.11.1989), column 3, line 3 - line 45, figure 7	20
	--	

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search

2 March 2004

Date of mailing of the international search report

03-03-2004

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Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM

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International application No.

PCT/03/003/001861

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0332574 A1 (SCHIBLI, H.), 13 Sept 1989 (13.09.1989), figure 1, abstract	28-31,33-35
A	--	1-35
A	US 4265075 A (D.M. MOTSENBOCKER), 5 May 1981 (05.05.1981), column 1, line 44 - line 60, figure 5	1-35
A	--	
A	DE 246733 C (M. BREIER ET AL), 9 May 1913 (09.05.1913), column 1, line 1 - line 19, figure 4	1.28-35
A	--	
A	US 4136506 A (J. MILLER), 30 January 1979 (30.01.1979), abstract	20
A	--	
A	US 4800709 A (E. LE TIXERANT), 31 January 1989 (31.01.1989), column 4, line 19 - line 24, figures 3,6,7	20
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

24/12/2003

PCT/03/001861

GB	2071986	A	30/09/1981	EP	0040294	A	25/11/1981
US	1637810	A	02/08/1927	NONE			
US	4879865	A	14/11/1989	NONE			
EP	0332574	A1	13/09/1989	CH	675239	A	14/09/1990
US	4265075	A	05/05/1981	NONE			
DE	246733	C	09/05/1913	NONE			
US	4136506	A	30/01/1979	NONE			
US	4800709	A	31/01/1989	AT	63293	T	15/05/1991
				AU	599282	B	12/07/1990
				AU	6279386	A	26/03/1987
				DE	3679143	D	00/00/0000
				EG	20411	A	28/02/1999
				EP	0220089	A,B	29/04/1987
				SE	0220089	T3	
				FR	2587324	A,B	20/03/1987
				FR	2590885	A	05/06/1987
				FR	2603030	A	26/02/1988